

**MISSION
COVERAGE
STATISTICS**

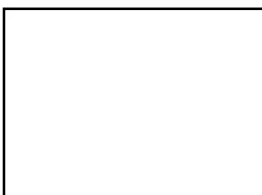
**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

MISSION 1112-1

18 - 27 NOVEMBER 1970

Declass Review by NIMA / DoD

25X1



25X1

TOP SECRET



DECEMBER 1970

COPY NO 200

13 PAGES

MCS-015/70

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

25X1

TOP SECRET

25X1

25X1

INTRODUCTION

This publication provides preliminary coverage data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC chart areas, coverage plots, and preliminary data for Mission 1112-1, dated 18-27 November 1970 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

TABLE OF CONTENTS

| | Page |
|---|--------|
| Preliminary Mission Data. | 2 |
| Greenwich Mean Time of Passes | 3 |
| <div></div> | |
| Coverage of Eurasia and Adjacent Areas. | 7 - 10 |
| Coverage of Africa and Adjacent Areas | 11 |

25X1A

25X1A

25X1

TOP SECRET

25X1

25X1

PRELIMINARY MISSION DATA

Mission Number: 1112-1

Launch Date/Time (GMT): 18 November 1970/2129Z

Photo Dates (GMT): 18-25 November 1970

Recovery Date/Time (GMT): 27 November 1970/1809Z

Operational Photo Passes: 35

Operational Altitude Limits: 98 - 118 nautical miles

Photo Scale Range: 1:296,176 - 1:357,386

Operational Ground Coverage (Fwd and Aft):

- a. Linear nautical miles 42,440
- b. Square nautical miles 5,941,600

Frames:

- a. Operational

Fwd-Looking 2,610

Aft-Looking 2,728

- b. Stellar 4,882

- c. Index 2,441

Operational Imagery Footage (Fwd and Aft): 13,222

Anomalies: A 0.05 inch wide longitudinal film base gouge is present 0.8 inch from the time track film edge on 2800 feet of the fwd record. This gouge starts on frame [] and continues to frame []

25X1
25X1

25X1

Vehicle Attitude: Normal

Image Quality:

- a. Main Cameras - The overall image quality of the fwd and aft cameras is good and comparable to the best of this system. Most imagery retains its edge sharpness at magnifications above 50 times. The aft camera image quality is slightly better than that of the fwd camera.
- b. Stellar and Index Cameras - The stellar and index cameras were operational throughout the mission. The imagery from both cameras is considered good.

Cloud Free Coverage: Approximately 85 percent of the entire mission is cloud free.

25X1

GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute:

MISSION 1112-1

| PASS | DATE (Z) | CAM ON | | CAM OFF | |
|---------|------------------|--------|---------|---------|---------|
| | | HR (Z) | MIN (Z) | HR (Z) | MIN (Z) |
| 3D | 19 November 1970 | 01 | 51 | 01 | 52 |
| 4D | 19 November 1970 | 03 | 20 | 03 | 21 |
| 5D (1) | 19 November 1970 | 04 | 48 | 04 | 50 |
| 5D (2) | 19 November 1970 | 04 | 53 | 04 | 55 |
| 6D (1) | 19 November 1970 | 06 | 19 | 06 | 20 |
| 6D (2) | 19 November 1970 | 06 | 21 | 06 | 22 |
| 6D (3) | 19 November 1970 | 06 | 22 | 06 | 25 |
| 7D (1) | 19 November 1970 | 07 | 46 | 07 | 47 |
| 7D (2) | 19 November 1970 | 07 | 47 | 07 | 50 |
| 7D (3) | 19 November 1970 | 07 | 51 | 07 | 55 |
| 10D | 19 November 1970 | 12 | 23 | 12 | 27 |
| 20D | 20 November 1970 | 02 | 57 | 02 | 58 |
| 21D (1) | 20 November 1970 | 04 | 28 | 04 | 30 |
| 21D (2) | 20 November 1970 | 04 | 31 | 04 | 31 |
| 22D | 20 November 1970 | 05 | 57 | 05 | 59 |
| 23D (1) | 20 November 1970 | 07 | 23 | 07 | 27 |
| 23D (2) | 20 November 1970 | 07 | 29 | 07 | 31 |
| 24D | 20 November 1970 | 08 | 53 | 08 | 54 |
| 27D | 20 November 1970 | 13 | 23 | 13 | 24 |
| 35D | 21 November 1970 | 01 | 06 | 01 | 07 |
| 37D | 21 November 1970 | 04 | 04 | 04 | 09 |
| 38D | 21 November 1970 | 05 | 36 | 05 | 38 |
| 39D (1) | 21 November 1970 | 07 | 03 | 07 | 04 |
| 39D (2) | 21 November 1970 | 07 | 05 | 07 | 07 |
| 39D (3) | 21 November 1970 | 07 | 07 | 07 | 10 |
| 40D | 21 November 1970 | 08 | 31 | 08 | 36 |
| 52D | 22 November 1970 | 02 | 13 | 02 | 14 |
| 54D | 22 November 1970 | 05 | 14 | 05 | 17 |
| 55D (1) | 22 November 1970 | 06 | 41 | 06 | 42 |
| 55D (2) | 22 November 1970 | 06 | 45 | 06 | 46 |
| 56D | 22 November 1970 | 08 | 13 | 08 | 14 |
| 57D (1) | 22 November 1970 | 09 | 38 | 09 | 38 |
| 57D (2) | 22 November 1970 | 09 | 41 | 09 | 42 |
| 58D | 22 November 1970 | 11 | 13 | 11 | 13 |
| 70D (1) | 23 November 1970 | 04 | 47 | 04 | 48 |
| 70D (2) | 23 November 1970 | 04 | 49 | 04 | 54 |
| 71D (1) | 23 November 1970 | 06 | 20 | 06 | 22 |
| 71D (2) | 23 November 1970 | 06 | 24 | 06 | 26 |
| 72D (1) | 23 November 1970 | 07 | 50 | 07 | 52 |
| 72D (2) | 23 November 1970 | 07 | 54 | 07 | 55 |
| 74D | 23 November 1970 | 10 | 50 | 10 | 53 |

MISSION 1112-1 (Continued)

| PASS | DATE (Z) | CAM ON | | CAM OFF | |
|----------|------------------|--------|---------|---------|---------|
| | | HR (Z) | MIN (Z) | HR (Z) | MIN (Z) |
| 85D | 24 November 1970 | 02 | 58 | 02 | 59 |
| 86D (1) | 24 November 1970 | 04 | 28 | 04 | 31 |
| 86D (2) | 24 November 1970 | 04 | 32 | 04 | 33 |
| 87D (1) | 24 November 1970 | 05 | 58 | 06 | 00 |
| 87D (2) | 24 November 1970 | 06 | 02 | 06 | 04 |
| 88D (1) | 24 November 1970 | 07 | 28 | 07 | 30 |
| 88D (2) | 24 November 1970 | 07 | 32 | 07 | 33 |
| 90D (1) | 24 November 1970 | 10 | 21 | 10 | 22 |
| 90D (2) | 24 November 1970 | 10 | 30 | 10 | 31 |
| 90D (3) | 24 November 1970 | 10 | 35 | 10 | 36 |
| 91D | 24 November 1970 | 12 | 01 | 12 | 03 |
| 102D | 25 November 1970 | 04 | 06 | 04 | 07 |
| 103D (1) | 25 November 1970 | 05 | 32 | 05 | 33 |
| 103D (2) | 25 November 1970 | 05 | 37 | 05 | 39 |

Next 1 Page(s) In Document Exempt

EURASIA

25X1

Approved For Release 2003/06/20 : CIA-RDP99T01396R000600170001-9

Next 3 Page(s) In Document Exempt

Approved For Release 2003/06/20 : CIA-RDP99T01396R000600170001-9



AFRICA

25X1

Approved For Release 2003/06/20 : CIA-RDP99T01396R000600170001-9

Next 4 Page(s) In Document Exempt

Approved For Release 2003/06/20 : CIA-RDP99T01396R000600170001-9